

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Schule et al.

TITLE : ANIMAL FOOD ADDITIVE AND
ANIMAL FOOD CONTAINING SAID
ADDITIVE

APPLICATION NO. : 10/527,589

FILED : September 22, 2005

CONFIRMATION NO. : 9122

EXAMINER : Chhaya D. Sayala

ART UNIT : 1794

LAST OFFICE ACTION : June 3, 2009

ATTORNEY DOCKET NO. : PSEE 2 00020

SUBMISSION OF VERIFIED TRANSLATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The applicants are filing herewith a Verified Translation of the Exhibits.

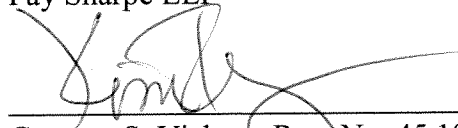
The verified English translation of the Exhibits comprises:

- 1 page Exhibit 1, ARBOCEL® Type BC 200;
- 1 page Exhibit 2, ARBOCEL® Type BWW 40; and
- 1 page Exhibit 3, ARBOCEL® Type RC.

If any fee is due in conjunction with the filing of this Submission, Applicants authorize deduction of that fee from Deposit Account No. 06-0308.

Respectfully submitted,

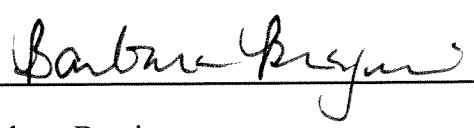
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October 2, 2009

Date

| CERTIFICATE OF MAILING OR TRANSMISSION | |
|---|---|
| I hereby certify that this correspondence (and any item referred to herein as being attached or enclosed) is (are) being transmitted to the USPTO by electronic transmission via EFS-Web on the date indicated below. | |
| Express Mail Label No.: | Signature:  |
| Date: <u>October 2, 2009</u> | Name: Barbara Brazier |

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Type Description

Type
BC 200

ARBOCEL®

Natural cellulose fiber

Basic raw material
Pure celluloseCharacteristics
Medium fibre, white

Physical and chemical properties

| | | |
|----------------------------------|---------|-----------------|
| Cellulose content | Approx. | 99.5% |
| Average fiber length | | 300 µm |
| Average fiber thickness | | 20 µm |
| Shaking weight | | 70 g/l – 90 g/l |
| White (in absolute value 460 nm) | | 81% - 91% |
| Ash (850 °C, 4 h) | Approx. | 0.3% |
| ph-value | | 5-7 |

Sieve residue (according to DIN 53 734/air jet) with an aperture of:

| | | |
|--------------|---------------|--------------|
| <u>300µm</u> | <u>100 µm</u> | <u>32 µm</u> |
| max. 0.5% | max. 15% | 40%-80% |

Composition
High purity cellulose powdersProduct name declaration
Powdered cellulose DLG Positive List No. 12.08.02Information on the Production Process
Produced by aqueous digestion pure cellulose. Improved by fine grinding, sifting and classification.Submitted helplessness and aggregates
None

Type Description

Type
BWW 40

ARBOCEL®

Natural cellulose fiber

Basic raw material
Pure cellulose

Characteristics
Medium fibre, white

| | | |
|----------------------------------|---------|-------------------|
| Physical and chemical properties | | |
| Cellulose content | Approx. | 99.5% |
| Average fiber length | | 200 µm |
| Average fiber thickness | | 20 µm |
| Shaking weight | | 120 g/l – 155 g/l |
| White (in absolute value 460 nm) | | 81% - 91% |
| Ash (850 °C, 4 h) | Approx. | 0.3% |
| ph-value | | 5.5-7.5 |

Sieve residue (according to DIN 53 734/air jet) with an aperture of:

| | | |
|--------------|---------------|--------------|
| <u>300µm</u> | <u>100 µm</u> | <u>32 µm</u> |
| max. 0.2% | max. 20% | 40%-70% |

Composition
High purity cellulose powders

Product name declaration
Powdered cellulose DLG Positive List No. 12.08.02

Information on the Production Process
Produced by aqueous digestion pure cellulose. Improved by fine grinding, sifting and classification.

Submitted helplessness and aggregates
None

Type Description

Type
RC

ARBOCEL®

Natural Lignocellulose

output of raw materials
selected carefully dried native hölzer

Physical and chemical properties

| | | |
|---|---------|--------------------------------------|
| Color | | Yellowish / specific for the species |
| Structure | | Granular |
| Granule size | | < 8 mm |
| Particle field of primary fibers, main part | | 200µm - 300 µm |
| Bulk density | | 400 g/l – 530 g/l |
| Residue on ignition (850 ° C, 4 h) | Approx. | 0.5% |
| pH-Value | | 5.5 +/- 1 |
| Water-binding capacity | | 450% - 650% |

Composition

Pure lignocellulose

Product name declaration

Lignocellulose DLG Positive List No. 12.08.02 – Fiber content at least 65%

Information on the Production Process

Concentrates compacted, which is obtained by grinding and subsequent shining

Submitted helplessness and aggregates

None